| Ref<br># | Hits | Search Query                       | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|------------------------------------|---|---------------------|---------|------------------|
| L1       | 642  | metal-air near battery             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/08/22 17:40 |
| L2       | 2    | L1 and dimethyl near carbonate     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/08/22 17:40 |
| L3       | 2    | I2 and anode                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/08/22 18:26 |
| L4       | 8    | lithium near oxygen near battery   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/08/22 18:50 |
| L5       | 0    | l4 and dimethyl near carbonate     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/08/22 18:27 |
| L6       |      | l4 and diethyl near carbonate      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/08/22 18:27 |
| L7       | 0    | l4 and tetrahydrofuran             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/08/22 18:27 |
| L8       | 27   | lithium near oxygen near10 battery | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/08/22 18:38 |

|     |        |                                      | <del>,</del>  | _  |    |                  |
|-----|--------|--------------------------------------|---|----|----|------------------|
| L9  | 1      | 18 and dimethyl near carbonate       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 18:37 |
| L10 | 417    | lithium near10 oxygen near10 battery | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 18:33 |
| L11 | 81     | l10 and dimethyl near carbonate      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 18:34 |
| L12 | 10     | l11 and lithium near oxygen          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 18:37 |
| L13 | 7      | l11 and lithium adj oxygen           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 18:37 |
| L14 | 8      | lithium adj oxygen adj battery       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 18:38 |
| L15 | 171951 | l14 adn THF                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 18:38 |
| L16 | 0      | l14 and THF                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 18:38 |

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|-----|--------|---------------------------------|---|----|----|------------------|
| L17 | 0      | l14 and dimethyl near carbonate | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 18:38 |
| L18 | 210725 | 18 adn tetrahydrofuran          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 18:38 |
| L19 | 1      | I8 and tetrahydrofuran          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 18:39 |
| L20 | 6      | l8 and carbonate                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 18:41 |
| L21 | 5      | lithium-oxygen near battery     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 18:44 |
| L22 | 32     | LiO near battery                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 18:46 |
| L23 | 0      | I22 and carbonte                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 18:45 |
| L24 | 0      | I22 and carbonate               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 18:45 |

|     |      |                             | <del></del>   | T  | 4    |                           |
|-----|------|-----------------------------|---|----|------|---------------------------|
| L25 | 0    | l22 and tetrahydrofuran     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2006/08 <u>/</u> 22 18:45 |
| L26 | 0    | I22 and DME                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2006/08/22 18:45          |
| L27 | 1    | Li near oxygen near battery | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2006/08/22 18:46          |
| L28 | 861  | metal near air near battery | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2006/08/22 18:46          |
| L29 | 3    | l28 and lithium near oxygen | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2006/08/22 18:47          |
| L30 | 0    | "li.sub.2.0" near battery   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2006/08/22 18:48          |
| L31 | 0    | "li.sub.2.0"                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON . | 2006/08/22 18:48          |
| L32 | 2328 | "li.sub.20"<br>;            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2006/08/22 18:48          |

| L33 | 0    | "li.sub.2.0" .                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 18:48 |
|-----|------|-----------------------------------|---|----|----|------------------|
| L34 | 41   | lithium near air near battery     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 18:50 |
| L35 | 21   | l34 and carbonate                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 18:57 |
| L36 | 3826 | air near battery                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 18:57 |
| L37 | 8    | l36 and lithium near oxygen       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 18:59 |
| L38 | 2    | l37 and carbonate                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 18:57 |
| L39 | 42   | l36 and lithium near10 oxygen . : | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 18:59 |
| L40 | 24   | I39 and carbonate                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 19:13 |

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|-----|------|---|---|------|-----|------------------|
| L41 | 7    | "200400917".pn:   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2006/08/22 19:14 |
| L42 | 1    | I41 and salt  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2006/08/22 19:14 |
| L43 | 2    | "20040091774".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2006/08/22 19:14 |
| L44 | 1    | l43 and salt  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2006/08/22 19:19 |
| L45 | 2    | l43 and anode   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2006/08/22 19:19 |
| S1  | 5    | ("5252413" "5510209" "6395430" "65<br>48208" "20030096168").PN. | US-PGPUB;<br>USPAT  | OR   | OFF | 2005/12/19 16:53 |
| S2  | 0    | S1 and oxygen near solubility                                   | US-PGPUB;<br>USPAT  | OR   | OFF | 2005/06/10 16:56 |
| S3  | 7317 | lithium near battery  | US-PGPUB;<br>USPAT  | OR   | OFF | 2005/06/10 16:56 |
| S4  | 7    | S3 and oxygen near solubility                                   | US-PGPUB;<br>USPAT  | OR   | OFF | 2005/06/10 16:57 |
| S5  | 3    | S4 and lithium near salt  | US-PGPUB;<br>USPAT  | OR   | OFF | 2005/06/10 16:56 |
| S6  | 9    | S3 and oxygen near5 solubility                                  | US-PGPUB;<br>USPAT  | OR . | OFF | 2005/06/10 16:59 |
| S7  | 11   | S3 and oxygen near5 cc  | US-PGPUB;<br>USPAT  | OR   | OFF | 2005/06/10 16:59 |
| S8  | 5    | O/cc  | US-PGPUB;<br>USPAT  | OR   | OFF | 2005/06/10 17:01 |
| S9  | 0    | O2/cc •   | US-PGPUB;<br>USPAT  | OR   | OFF | 2005/06/10 17:01 |

| S10 | 15   | oxygen near10 solubility near cc                            | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/10 17:03 |
|-----|------|---|--------------------|----|-----|------------------|
| S11 | 5795 | lithium near salt and tetrahydrofuran                       | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/10 17:04 |
| S12 | 598  | S11 and lithium near battery                                | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/10 17:04 |
| S13 | 295  | S12 and anode and cathode and electrolyte                   | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/10 17:19 |
| S14 | 110  | mAh near cc   | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/10 17:25 |
| S15 | 25   | mAh near units *  | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/10 17:26 |
| S16 | 310  | cc near units   | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/10 17:27 |
| S17 | 10   | S16 and battery   | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/10 17:27 |
| S18 | 0    | S1 and S13  | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/10 17:34 |
| S19 | 3    | S1 and lithium near salt                                    | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/10 18:42 |
| S20 | 3    | S19 and tetrahydrofuran                                     | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/10 17:54 |
| S21 | 5    | S1 and propylene near carbonate                             | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/10 18:24 |
| S22 | 2    | S21 and cathode and anode                                   | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/10 18:25 |
| S23 | 5    | S21 and positive near electrode and negative near electrode | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/10 18:38 |
| S24 | 178  | 429/29.ccls.  | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/10 18:41 |
| S25 | 194  | 429/322.ccls.   | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/10 18:41 |
| S26 | 1127 | 429/231.95.ccls.  | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/10 18:42 |
| S27 | 544  | S26 and lithium near battery                                | US-PGPUB;<br>USPAT | OR | OFF | 2005/06/10 18:42 |
| S28 | 716  | 429/27.ccls.  | US-PGPUB;<br>USPAT | OR | OFF | 2005/12/19 16:54 |
| S29 | 7    | S28 and tetrahydrofuran                                     | US-PGPUB;<br>USPAT | OR | OFF | 2005/12/19 16:57 |
| S30 | 0    | metal-oxygen near battery                                   | US-PGPUB;<br>USPAT | OR | OFF | 2005/12/19 16:57 |
| S31 | 6    | metal near oxygen near battery                              | US-PGPUB;<br>USPAT | OR | OFF | 2005/12/19 16:59 |

| S32 | 86939 | S31 adn electrolyte   | US-PGPUB;          | OR | OFF  | 2005/12/19 16:59 |
|-----|-------|---|--------------------|----|------|------------------|
|     | 00333 | 331 aun electroryte   | USPAT              |    | OI F | 2003/12/13 10:39 |
| S33 | 6     | S31 and electrolyte   | US-PGPUB;<br>USPAT | OR | OFF  | 2005/12/19 17:03 |
| S34 | 103   | S28 and (dimethoxyethane same tetrahydrofuran same diethyl carbonate saem diethyl ether)          | US-PGPUB;<br>USPAT | OR | OFF  | 2005/12/19 17:05 |
| S35 | 4     | S34 and oxygen near battery   | US-PGPUB;<br>USPAT | OR | OFF  | 2005/12/19 17:04 |
| S36 | 0     | S28 and (dimethoxyethane same tetrahydrofuran same (diethyl near carbonate) same (diethyl ether)) | US-PGPUB;<br>USPAT | OR | OFF  | 2005/12/19 17:06 |
| S37 | 1     | S28 and (dimethoxyethane )  | US-PGPUB;<br>USPAT | OR | OFF  | 2005/12/19 17:22 |
| S38 | 74    | S28 and DEC   | US-PGPUB;<br>USPAT | OR | OFF  | 2005/12/19 17:37 |
| S39 | 0     | S28 and DME   | US-PGPUB;<br>USPAT | OR | OFF  | 2005/12/19 17:37 |
| S40 | 1     | S28 and EMC   | US-PGPUB;<br>USPAT | OR | OFF  | 2005/12/19 17:38 |
| S41 | 1     | S28 and DPC   | US-PGPUB;<br>USPAT | OR | OFF  | 2005/12/19 17:38 |
| S42 | 1397  | air near battery  | US-PGPUB;<br>USPAT | OR | OFF  | 2005/12/19 17:38 |
| S43 | 36087 | "429"/\$.ccls.  | US-PGPUB;<br>USPAT | OR | OFF  | 2005/12/19 17:39 |
| S44 | 674   | S43 and air near battery  | US-PGPUB;<br>USPAT | OR | OFF  | 2005/12/19 17:39 |
| S45 | 84    | S44 and DEC   | US-PGPUB;<br>USPAT | OR | OFF  | 2005/12/19 17:45 |
| S46 | 16    | S44 and diethyl near carbonate  | US-PGPUB;<br>USPAT | OR | OFF  | 2005/12/19 17:46 |
| S47 | 3     | S44 and EMC   | US-PGPUB;<br>USPAT | OR | OFF  | 2005/12/19 17:47 |
| S48 | 14    | S44 and DME   | US-PGPUB;<br>USPAT | OR | OFF  | 2005/12/19 18:26 |
| S49 | 12    | S48 and lithium near salt   | US-PGPUB;<br>USPAT | OR | OFF  | 2005/12/19 18:26 |
| S50 | 33    | metal near oxygen near10 battery  | US-PGPUB;<br>USPAT | OR | OFF  | 2006/08/21 17:55 |

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|-----|---------|---|---|----|--------------|------------------|
| S51 | 65      | metal near oxygen near10 battery        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF          | 2006/08/21 17:59 |
| S52 | 1254019 | S51 and DMC or DPC or DEC or EMC or THF | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF          | 2006/08/21 17:57 |
| S53 | 89      | metal near oxygen near10 battery        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON           | 2006/08/21 19:09 |
| S54 | 4       | S53 and lithium near metal              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON           | 2006/08/21 18:15 |
| S55 | 671     | metal near10 oxygen near10 battery . :  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON           | 2006/08/21 19:17 |
| S56 | 211     | S55 and metal-air                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON           | 2006/08/21 19:18 |
| S57 | 61      | S56 and lithium near10 metal            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON           | 2006/08/21 19:18 |
| S58 | 0       | S57 and DMC                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON           | 2006/08/21 19:18 |

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| S59 | 1140369 | S57 adn DEC                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/21 19:18 |
| S60 | 9       | S57 and DEC                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/21 19:32 |
| S61 | 0       | S57 and DPC :                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/21 19:18 |
| S62 | 0       | S61 and DME                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/21 19:19 |
| S63 | 0       | S57 and DME                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/21 19:19 |
| S64 | 1       | S57 and THF                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/21 19:19 |
| S65 | 0       | S57 and dimethyl near carbonate | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/21 19:33 |
| S66 | 0       | S57 and dipropyl near carbonate | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/21 19:34 |

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| S67 | 0   | S57 and diethyl near carbonate           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/21 19:34 |
| S68 | 0   | S57 and ethyl near methyl near carbonate | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/21 19:35 |
| S69 | 0   | S56 and dimethyl near carbonate          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/21 19:35 |
| S70 | 642 | metal-air near battery                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/21 19:36 |
| S71 | 0   | S70 and dimethyl near carbonante         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/21 19:36 |
| S72 | 2   | S70 and dimethyl near carbonate .        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 17:40 |